

Smt. Chandaben Mohanbhai Patel Homeopathic Medical College
DEPARTMENT OF ANATOMY

ADVANCE TEACHING PROGRAMME - 1stB.H.M.S. (2022)

ACADEMIC YEAR-2023-24

Total Number of Hours as per N.C.H:-325 (THEORY)

| No. | <u>Topics</u> | <u>Hour</u> | <u>Faculty</u> |
|------------|--|--------------------|-----------------------|
| | TERM 1 | | |
| | GENERAL ANATOMY | | |
| 1. | Modern concepts of cell and its components; | 1 | Dr. Sheth |
| 2. | Cell division, types with their significance | “ | Dr. Sheth |
| 3. | Basic tissues | “ | Dr. Kothari |
| 4. | Basic tissues | „ | Dr. Kothari |
| 5. | Genetics - DNA & RNA | „ | Dr. Kothari |
| 6. | Genetics- Chromosomes | „ | Dr. Kothari |
| 7. | Genetics- Genes | „ | Dr. Kothari |
| 8. | Genetics- chromosomal abnormalities | „ | Dr. Surve |
| 9. | Genetics- Inheritances- Autosomal Dominant | „ | Dr. Surve |
| 10. | Genetics- Inheritances- Autosomal recessive | „ | Dr. Surve |
| 11. | Genetics- Inheritances- | „ | Dr. Surve |
| 12. | Genetic basis of diseases and Integration with homoeopathic concept of miasmatic influence | „ | Dr. Surve |
| 13. | Basics of General Anatomy- Definition and subdivisions of | „ | Dr. Surve |

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| | | | |
|------------|---|---|-------------|
| | Anatomy | | |
| 14. | History of Anatomy | „ | Dr. Sheth |
| 15. | Anatomical terms of position & movement | „ | Dr. Surve |
| 16. | Anatomical terms of position & movement | „ | Dr. Surve |
| 17. | Skin, superficial and deep fasciae | „ | Dr. Sheth |
| 18. | Skin, superficial and deep fasciae | „ | Dr. Sheth |
| 19. | Muscles | „ | Dr. Surve |
| 20. | Muscles | „ | Dr. Surve |
| 21. | Bones | „ | Dr. Kothari |
| 22. | Bones | „ | Dr. Kothari |
| 23. | Joints | „ | Dr. Kothari |
| 24. | Joints | „ | Dr. Kothari |
| 25. | Blood vessels | „ | Dr. Sheth |
| 26. | Blood vessels | „ | Dr. Sheth |
| 27. | Lymphatic system | „ | Dr. Surve |
| 28. | Lymphatic system | „ | Dr. Surve |
| 29. | Nerves | „ | Dr. Kothari |
| 30. | Nerves | „ | Dr. Kothari |

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| | | | |
|------------|--|---|-------------|
| 31. | Glands: types and classification | „ | Dr. Sheth |
| 32. | Glands: types and classification | „ | Dr. Sheth |
| 33. | Revision | „ | Dr. Surve |
| 34. | Revision | „ | Dr. Kothari |
| | GENERAL EMBRYOLOGY | | |
| 35. | Introduction to Embryology | „ | Dr. Kelker |
| 36. | Spermatogenesis | „ | Dr. Kelker |
| 37. | Oogenesis | „ | Dr. Kelker |
| 38. | Fertilization | „ | Dr. Kelker |
| 39. | Cleavage and implantation | „ | Dr. Kelker |
| 40. | Cleavage and implantation | „ | Dr. Kelker |
| 41. | Bilaminar germ disc formation | „ | Dr. Kelker |
| 42. | Bilaminar germ disc formation | „ | Dr. Kelker |
| 43. | Gastrulation: Germ layers & Derivatives | „ | Dr. Kelker |
| 44. | Gastrulation: Germ layers & Derivatives | „ | Dr. Kelker |
| 45. | Gastrulation: Germ layers & Derivatives | „ | Dr. Kelker |
| 46. | Intraembryonic mesoderm derivatives: Somites | „ | Dr. Kelker |
| 47. | Ossification | „ | Dr. Kelker |

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| | | | |
|------------|--|---|-------------|
| 48. | Notochord | „ | Dr. Kelker |
| 49. | Folding of the embryonic: formation of primitive gut | „ | Dr. Kelker |
| 50. | Placenta | „ | Dr. Kelker |
| 51. | Placenta | „ | Dr. Kelker |
| 52. | Revision | „ | Dr. Kelker |
| | GENERAL HISTOLOGY | | |
| 53. | Introduction to Histology | „ | Dr. Kothari |
| 54. | Epithelial tissue | „ | Dr. Kothari |
| 55. | Epithelial tissue | „ | Dr. Kothari |
| 56. | Connective tissue | „ | Dr. Surve |
| 57. | Connective tissue | „ | Dr. Surve |
| 58. | Cartilage | „ | Dr. Surve |
| 59. | Bone | „ | Dr. Surve |
| 60. | Muscle | „ | Dr. Kothari |
| 61. | Muscle | „ | Dr. Kothari |
| 62. | Nervous tissue | „ | Dr. Kothari |
| 63. | Skin | „ | Dr. Kothari |
| 64. | Skin | „ | Dr. Kothari |

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| | | | |
|------------|------------------------------------|---|-------------|
| 65. | Lymphoid organs | „ | Dr. Sheth |
| 66. | Lymphoid organs | „ | Dr. Sheth |
| 67. | Blood vessels | „ | Dr. Kothari |
| 68. | Blood vessels | „ | Dr. Kothari |
| 69. | Glands | „ | Dr. Surve |
| 70. | Glands | „ | Dr. Surve |
| 71. | Revision | „ | Dr. Kothari |
| 72. | Revision | „ | Dr. Surve |
| | SUPERIOR EXTREMITY | | |
| 73. | Introduction To Superior Extremity | „ | Dr. Kothari |
| 74. | Pectoral region and axilla | „ | Dr. Surve |
| 75. | Pectoral region and axilla | “ | Dr. Surve |
| 76. | Mammary Gland | „ | Dr. Kothari |
| 77. | Mammary Gland | | Dr. Kothari |
| 78. | Brachial plexus | „ | Dr. Surve |
| 79. | Brachial plexus | | Dr. Surve |
| 80. | Axillary artery | „ | Dr. Surve |
| 81. | Back | „ | Dr. Sheth |

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| | | | |
|------------|---|---|-------------|
| 82. | Intermuscular spaces around scapula | | Dr. Sheth |
| 83. | Shoulder Joint | „ | Dr. Kothari |
| 84. | Shoulder Joint | | Dr. Kothari |
| 85. | Musculocutaneous and axillary nerves | „ | Dr. Kothari |
| 86. | Arm and Cubital fossa | „ | Dr. Surve |
| 87. | brachial artery | „ | Dr. Sheth |
| 88. | Fore arm: Muscles, nerves and blood vessels-Superficial Flexors | | Dr. Kothari |
| 89. | Fore arm: Muscles, nerves and blood vessels -Deep Flexors | „ | Dr. Kothari |
| 90. | Fore arm: Muscles, nerves and blood vessels Superficial Extensors | „ | Dr. Kothari |
| 91. | Fore arm: Muscles, nerves and blood vessels- Deep Extensors | „ | Dr. Kothari |
| 92. | Radial artery | „ | Dr. Kothari |
| 93. | Ulnar artery | „ | Dr. Surve |
| 94. | Median nerve | „ | Dr. Surve |
| 95. | Median nerve | „ | Dr. Surve |
| 96. | Ulnar nerve | „ | Dr. Kothari |
| 97. | Radial nerve | „ | Dr. Kothari |

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| | | | |
|-------------|--|---|-------------|
| 98. | Radial nerve | „ | Dr. Kothari |
| 99. | Elbow joint | „ | Dr. Surve |
| 100. | radio-ulnar articulations | „ | Dr. Kothari |
| 101. | Wrist joint | „ | Dr. Surve |
| 102. | Flexor and extensor retinacula | „ | Dr. Sheth |
| 103. | Palmar aponeurosis and spaces in palmar spaces | „ | Dr. Surve |
| 104. | Intrinsic muscles of hand | „ | Dr. Kothari |
| 105. | Venous drainage of upper extremity | „ | Dr. Kothari |
| 106. | Revision | „ | Dr. Kothari |
| 107. | Revision | „ | Dr. Surve |
| | TERM 2 | | |
| 108. | Introduction To Thorax | „ | Dr. Surve |
| 109. | Trachea | „ | Dr. Kothari |
| 110. | Pleura | „ | Dr. Kothari |
| 111. | Lungs | „ | Dr. Kothari |
| 112. | Lungs | „ | Dr. Kothari |
| 113. | Lungs | „ | Dr. Kothari |
| 114. | Mediastinum | „ | Dr. Kothari |

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| | | | |
|-------------|--|---|-------------|
| 115. | Mediastinum | „ | Dr. Surve |
| 116. | Pericardium | „ | Dr. Surve |
| 117. | Heart | „ | Dr. Surve |
| 118. | Heart | „ | Dr. Surve |
| 119. | Heart | „ | Dr. Surve |
| 120. | Blood supply of heart | „ | Dr. Surve |
| 121. | Blood supply of heart | „ | Dr. Surve |
| 122. | Superior mediastinum: Arch of aorta | „ | Dr. Kothari |
| 123. | Superior mediastinum: Superior Vena cava | „ | Dr. Kothari |
| 124. | Inferior Vena Cava | „ | Dr. Kothari |
| 125. | Posterior mediastinum: Azygous vein | „ | Dr. Kothari |
| 126. | Posterior mediastinum:- Thorac Duct | | Dr. Surve |
| 127. | Posterior mediastinum: Oesophagus | „ | Dr. Kothari |
| 128. | Posterior mediastinum: Descending thoracic aorta | „ | Dr. Kothari |
| 129. | Diaphragm | „ | Dr. Kothari |
| 130. | Systemic embryology: Development of Heart and lung | „ | Dr. Kelkar |
| 131. | Systemic embryology: Development of Heart and lung | „ | Dr. Kelkar |
| 132. | Systemic embryology: Development of Heart and lung | „ | Dr. Kelkar |

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| | | | |
|-------------|---|---|-------------|
| 133. | Systemic histology: Trachea and Lung | „ | Dr. Kothari |
| 134. | Revision | „ | Dr. Sheth |
| 135. | Revision | „ | Dr. Kothari |
| | HEAD FACE NECK | | |
| 136. | Introduction to Head Face Neck | „ | |
| 137. | Scalp | „ | Dr. Sheth |
| 138. | Scalp | „ | Dr. Sheth |
| 139. | Face: muscles, nerves and blood vessels | „ | Dr. Surve |
| 140. | Face: muscles, nerves and blood vessels | „ | Dr. Surve |
| 141. | Lachrymal apparatus | „ | Dr. Surve |
| 142. | Side of the neck: Posterior triangle | „ | Dr. Sheth |
| 143. | Front of the neck: Anterior triangle and its subdivisions | „ | Dr. Sheth |
| 144. | Front of the neck: Anterior triangle and its subdivisions | „ | Dr. Sheth |
| 145. | Front of the neck: Anterior triangle and its subdivisions | „ | Dr. Sheth |
| 146. | Deep cervical fascia | „ | Dr. Surve |
| 147. | Back of the neck: Sub occipital triangle | „ | Dr. Kothari |
| 148. | Contents of vertebral canal | „ | Dr. Surve |
| 149. | Parotid Gland | „ | Dr. Kothari |

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|-------------|--------------------------------------|---|-------------|
| 150. | Submandibular gland | „ | Dr. Surve |
| 151. | Muscles of mastication | „ | Dr. Kothari |
| 152. | Temporo-mandibular joint | „ | Dr. Kothari |
| 153. | Thyroid gland | „ | Dr. Surve |
| 154. | Thyroid gland | „ | Dr. Surve |
| 155. | Cranial cavity: Dura mater | „ | Dr. Surve |
| 156. | Cranial cavity: Dural venous sinuses | „ | Dr. Kothari |
| 157. | Cranial cavity: Pituitary gland | „ | Dr. Kothari |
| 158. | Contents of the orbit | „ | Dr. Surve |
| 159. | Extraocular muscles | „ | Dr. Surve |
| 160. | Oral cavity | „ | Dr. Sheth |
| 161. | Soft palate and palatine tonsil | „ | Dr. Sheth |
| 162. | Tongue | „ | Dr. Kothari |
| 163. | Pharynx | „ | Dr. Sheth |
| 164. | Pharynx | „ | Dr. Sheth |
| 165. | Larynx | „ | Dr. Kothari |
| 166. | Larynx | „ | Dr. Kothari |
| 167. | Nose and paranasal air sinuses | „ | Dr. Surve |

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| | | | |
|-------------|---|---|-------------|
| 168. | Nose and paranasal air sinuses | „ | Dr. Surve |
| 169. | Ear: EAC & middle ear, inner ear | „ | Dr. Kothari |
| 170. | Ear: EAC & middle ear, inner ear | „ | Dr. Kothari |
| 171. | Eustachian tube | „ | Dr. Kothari |
| 172. | Eyeball | „ | Dr. Surve |
| 173. | Eyeball | „ | Dr. Surve |
| 174. | Common & Internal carotid | „ | Dr. Sheth |
| 175. | External carotid artery | „ | Dr. Sheth |
| 176. | External carotid artery | „ | Dr. Sheth |
| 177. | Vertebral artery | „ | Dr. Surve |
| 178. | Internal Jugular vein | „ | Dr. Kothari |
| 179. | Systemic histology: Thyroid gland | „ | Dr. Surve |
| 180. | Systemic histology: Pituitary gland | „ | Dr. Kothari |
| 181. | Systemic histology: Tongue | „ | Dr. Kothari |
| 182. | Systemic embryology: Pharyngeal arches: derivatives | „ | Dr.Kelkar |
| 183. | Revision | „ | Dr. Kothari |
| 184. | Revision | „ | Dr. Surve |
| 185. | Revision | „ | Dr. Sheth |

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| | CENTRAL NERVOUS SYSTEM | | |
|-------------|--|----|-------------|
| 186. | Introduction to CNS | ,, | Dr. Surve |
| 187. | Meninges & CSF | ,, | Dr. Surve |
| 188. | Spinal cord | ,, | Dr. Surve |
| 189. | Medulla oblongata | ,, | Dr. Kothari |
| 190. | Pons | ,, | Dr. Sheth |
| 191. | Cerebellum | ,, | Dr. Surve |
| 192. | Fourth ventricle | ,, | Dr. Sheth |
| 193. | Mid-brain | ,, | Dr. Kothari |
| 194. | Diencephalon: Thalamus | ,, | Dr. Surve |
| 195. | Diencephalon: Hypothalamus | ,, | Dr. Surve |
| 196. | Third Ventricle | ,, | Dr. Sheth |
| 197. | Lateral Ventricle | ,, | Dr. Surve |
| 198. | Cerebrum: external features | ,, | Dr. Sheth |
| 199. | Cerebrum: external features | ,, | Dr. Sheth |
| 200. | Functional areas of cerebral cortex | ,, | Dr. Sheth |
| 201. | Basal ganglia | ,, | Dr. Kothari |
| 202. | White matter of cerebrum: Corpus callosum & Internal | ,, | Dr. Surve |

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| | | | |
|-------------|--|---|-------------|
| | capsule | | |
| 203. | White matter of cerebrum: Corpus callosum & Internal capsule | „ | Dr. Surve |
| 204. | Blood supply of brain | „ | Dr. Kothari |
| 205. | Blood supply of brain | „ | Dr. Kothari |
| 206. | Cranial nerves | „ | Dr. Surve |
| 207. | Cranial nerves | „ | Dr. Kothari |
| 208. | Cranial nerves | „ | Dr. Surve |
| 209. | Cranial nerves | „ | Dr. Sheth |
| 210. | Cranial nerves | „ | Dr. Kothari |
| 211. | Cranial nerves | „ | Dr. Sheth |
| 212. | Systemic embryology: Development of Brain | „ | Dr. Kelkar |
| 213. | Systemic embryology: Development of Brain | „ | Dr. Kelkar |
| 214. | Revision | „ | Dr. Kothari |
| 215. | Revision | „ | Dr. Surve |
| | TERM 3 | | |
| 216. | Introduction To Inferior Extremity | „ | Dr. Kothari |
| 217. | Lumbar plexus and femoral nerve | „ | Dr. Surve |

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| | | | |
|-------------|---------------------------------|---|-------------|
| 218. | Lumbar plexus and femoral nerve | „ | Dr. Surve |
| 219. | Front of thigh | „ | Dr. Kothari |
| 220. | Front of thigh | „ | Dr. Kothari |
| 221. | Femoral Triangle | „ | Dr. Kothari |
| 222. | Femoral artery | „ | Dr. Kothari |
| 223. | Median compartment of thigh | „ | Dr. Kothari |
| 224. | Obturator nerve | „ | Dr. Surve |
| 225. | Gluteal region | „ | Dr. Kothari |
| 226. | Gluteal region | „ | Dr. Kothari |
| 227. | Sacral plexus | „ | Dr. Surve |
| 228. | Sciatic nerve | „ | Dr. Kothari |
| 229. | Tibial Nerve | „ | Dr. Sheth |
| 230. | common peroneal Nerve | „ | Dr. Sheth |
| 231. | Back of the thigh | „ | Dr. Kothari |
| 232. | Popliteal fossa | „ | Dr. Sheth |
| 233. | Hip joint | „ | Dr. Sheth |
| 234. | Hip joint | „ | Dr. Sheth |
| 235. | Front of the leg | „ | Dr. Kothari |

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| | | | |
|-------------|------------------------------------|---|-------------|
| 236. | dorsum of the foot | „ | Dr. Surve |
| 237. | Anterior Tibial artery | „ | Dr. Kothari |
| 238. | deep peroneal nerve | „ | Dr. Sheth |
| 239. | Back of the leg | „ | Dr. Surve |
| 240. | Tibial nerve in leg | „ | Dr. Sheth |
| 241. | Posterior Tibial artery | „ | Dr. Kothari |
| 242. | Side of the leg | „ | Dr. Surve |
| 243. | Superficial peroneal nerve | „ | Dr. Sheth |
| 244. | Retinacula around the ankle | „ | Dr. Kothari |
| 245. | Sole of foot | „ | Dr. Surve |
| 246. | Sole of foot | „ | Dr. Surve |
| 247. | Knee Joint | „ | Dr. Kothari |
| 248. | Knee Joint | „ | Dr. Kothari |
| 249. | Ankle joint | „ | Dr. Surve |
| 250. | Arches of foot | „ | Dr. Surve |
| 251. | Arches of foot | „ | Dr. Surve |
| 252. | Venous drainage of lower extremity | „ | Dr. Kothari |
| 253. | Venous drainage of lower extremity | „ | Dr. Kothari |

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| | | | |
|-------------|---------------------------------|---|-------------|
| 254. | Revision | „ | Dr. Surve |
| 255. | Revision | „ | Dr. Sheth |
| | ABDOMEN | | |
| 256. | Introduction to Abdomen | „ | Dr. Sheth |
| 257. | Anterior Abdominal wall | „ | Dr. Surve |
| 258. | Anterior Abdominal wall | „ | Dr. Surve |
| 259. | Peritoneum | „ | Dr. Surve |
| 260. | Peritoneum | „ | Dr. Surve |
| 261. | Stomach | „ | Dr. Sheth |
| 262. | Stomach | „ | Dr. Sheth |
| 263. | Liver | „ | Dr. Kothari |
| 264. | Liver | „ | Dr. Kothari |
| 265. | Gall bladder | „ | Dr. Kothari |
| 266. | Extra hepatic biliary apparatus | „ | Dr. Kothari |
| 267. | Spleen | „ | Dr. Sheth |
| 268. | Duodenum | „ | Dr. Surve |
| 269. | Pancreas | „ | Dr. Surve |
| 270. | Pancreas | „ | Dr. Surve |

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| | | | |
|-------------|----------------------------|---|-------------|
| 271. | Jejunum and Ileum | „ | Dr. Sheth |
| 272. | Superior mesenteric artery | „ | Dr. Kothari |
| 273. | Caecum | „ | Dr. Sheth |
| 274. | Appendix | „ | Dr. Sheth |
| 275. | Large intestine | „ | Dr. Sheth |
| 276. | Large intestine | „ | Dr. Sheth |
| 277. | Portal venous system | „ | Dr. Surve |
| 278. | Portal venous system | „ | Dr. Kothari |
| 279. | Kidney | „ | Dr. Sheth |
| 280. | Kidney | „ | Dr. Sheth |
| 281. | Supra renal glands | „ | Dr. Surve |
| 282. | Abdominal aorta | „ | Dr. Sheth |
| 283 | Posterior abdominal wall | „ | Dr. Surve |
| 284 | Urinary bladder | „ | Dr. Kothari |
| 285 | Urinary bladder | „ | Dr. Kothari |
| 286 | Ureter | „ | Dr. Kothari |
| 287 | Prostate gland | „ | Dr. Kothari |
| 288 | Prostate gland | „ | Dr. Kothari |

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| | | | |
|------------|--|---|-------------|
| 289 | Ovary | „ | Dr. Surve |
| 290 | Uterus | „ | Dr. Surve |
| 291 | Uterus | „ | Dr. Surve |
| 292 | Fallopian tube 1 | „ | Dr. Surve |
| 293 | Scrotum | „ | Dr. Surve |
| 294 | Testis | „ | Dr. Surve |
| 295 | Vas deferens | „ | Dr. Surve |
| 296 | Rectum | „ | Dr. Surve |
| 297 | Anal canal | „ | Dr. Surve |
| 298 | Walls of pelvis | „ | Dr. Kothari |
| 299 | pelvic diaphragm | „ | Dr. Kothari |
| 300 | Perineum: superficial and deep perineal pouches | „ | Dr. Kothari |
| 301 | Perineum: superficial and deep perineal pouches | „ | Dr. Kothari |
| 302 | Perineum: superficial and deep perineal pouches | „ | Dr. Kothari |
| 303 | Ischiorectal fossa | „ | Dr. Kothari |
| 304 | Systemic embryology: Development of digestive system | „ | Dr. Kelkar |
| 305 | Systemic embryology: Development of digestive system | „ | Dr. Kelkar |
| 306 | Systemic embryology: Development of digestive system | „ | Dr. Kelkar |

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| | | | |
|------------|--|---|-------------|
| 307 | Systemic embryology: Development of digestive system | „ | Dr. Kelkar |
| 308 | Systemic embryology: Development of urogenital organs | „ | Dr. Kelkar |
| 309 | Systemic embryology: Development of urogenital organs | „ | Dr. Kelkar |
| 310 | Systemic histology: Digestive system | „ | Dr. Kothari |
| 311 | Systemic histology: Digestive system | „ | Dr. Surve |
| 312 | Systemic histology: Digestive system | „ | Dr. Kothari |
| 313 | Systemic histology: Digestive system | „ | Dr. Surve |
| 314 | Systemic histology: Urinary system & supra renal gland | „ | Dr. Kothari |
| 315 | Systemic histology: Urinary system & supra renal gland | „ | Dr. Surve |
| 316 | Systemic histology: Male reproductive system | „ | Dr. Sheth |
| 317 | Systemic histology: Male reproductive system | „ | Dr. Sheth |
| 318 | Systemic histology: female reproductive system | „ | Dr. Kothari |
| 319 | Systemic histology: Female reproductive system | „ | Dr. Kothari |
| 320 | Revision | „ | Dr. Sheth |
| 321 | Revision | „ | Dr. Surve |
| 322 | Revision | „ | Dr. Sheth |
| 323 | Revision | „ | Dr. Kothari |

Smt. Chandaben Mohanbhai Patel Homeopathic Medical College
DEPARTMENT OF ANATOMY

ADVANCE TEACHING PROGRAMME - 1st B.H.M.S. (2022)
ACADEMIC YEAR-2023-24

Total Number of Hours as per N.C.H:-325 (THEORY)

| | | | |
|-----|----------|---|------------|
| 324 | Revision | „ | Dr., Surve |
| 325 | Revision | „ | Dr. Sheth |

Prepared By

Sonal Kothari

SONAL KOTHARI

ASST. PROF. & HEAD

DEPT. OF ANATOMY

SMT. C.M.P. HOM. MEDICAL COLLEGE

R. G. Gadkari Marg,

W. P. le (W), Mumbai - 400 078

Approved By

P. F. Damania

DR. P. F. DAMANIA

Principal

Smt. C.M.P. Hom. Med.

College, Mumbai - 56.

Smt. Chandaben Mohanbhai Patel Homeopathic Medical College
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 Academic Year-2023-24
 Total Number of Hours as per N.C.H:-330 (Practical)

| No. | <u>Topics-2 hours each</u> | <u>Faculty</u> |
|------------|--|---------------------------------|
| | <u>1st Term-Upper Limb</u> | |
| 1. | Introduction to Superior extremity | Dr. Kothari,Dr. Surve,Dr. Sheth |
| 2. | Clavicle | " |
| 3. | Scapula | " |
| 4. | Humerus | " |
| 5. | Radius | " |
| 6. | Ulna | " |
| 7. | Articulated hand | " |
| 8. | Surface Markings in upper extremity | " |
| 9. | Pectoral region | " |
| 10. | Axilla | " |
| 11. | Back & Shoulder | " |
| 12. | Arm: Front & Cubital fossa and Back of the arm | " |
| 13. | Front of Forearm & palm of hand | " |
| 14. | Front of Forearm & palm of hand | " |
| 15. | Back of Forearm & Dorsum of Hand | " |
| 16. | Joints of upper extremity | " |

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| | | |
|-----|---|----|
| 17. | Radiology of upper extremity | '' |
| | <u>Histology</u> | '' |
| 18. | Epithelial tissue: Simple & Stratified | '' |
| 19. | Epithelial tissue: Simple & Stratified | '' |
| 20. | Connective tissue: Loose/Areolar & Adipose | '' |
| 21. | Connective tissue: Cartilages | '' |
| 22. | Connective tissue: Compact bone (L.S, T.S) Spongy bone | '' |
| 23. | Muscle tissue: Skeletal (L.S, T.S), Smooth and Cardiac | '' |
| 24. | Nervous tissue: Peripheral nerve (T.S) Nerve fiber (L.S) | '' |
| 25. | Skin: Thick ,Thin | '' |
| 26. | Lymphoid organs: Spleen, Thymus | '' |
| 27. | Lymphoid organs: lymph node ,tonsil | '' |
| 28. | Blood vessels: Large artery, Medium sized artery , Large vein | '' |
| 29. | Glands: Serous, Mucous , Mixed | '' |
| | <u>2nd Term - Thorax</u> | |
| 30. | Introduction to Thorax | '' |
| 31. | Sternum. Ribs: Typical & Atypical | '' |
| 32. | Thoracic vertebrae: Typical & Atypical | '' |
| 33. | Surface Marking | '' |
| 34. | Surface Marking | '' |

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| | | |
|------------|--|----|
| 35. | Anterior Thoracic wall, Intercostal space & contents | '' |
| 36. | Pleura & Lungs | '' |
| 37. | Pleura & Lungs | '' |
| 38. | Contents of superior mediastinum & Pericardium | '' |
| 39. | Heart: External features | '' |
| 40. | Interior of Heart with valves of heart | '' |
| 41. | Contents of posterior Mediastinum | '' |
| 42. | Radiological anatomy | '' |
| 43. | Revision | '' |
| | <u>Systemic histology</u> | |
| 44. | Trachea & Lungs | '' |
| | <u>Head Face Neck</u> | |
| 45. | Introduction to Head Face Neck | '' |
| 46. | Skull | '' |
| 47. | Skull | '' |
| 48. | Skull | '' |
| 49. | Mandible | '' |
| 50. | Hyoid bone | '' |
| 51. | Cervical vertebrae: Typical & Atypical | '' |
| 52. | Surface Markings in head, neck & face | '' |
| 53. | Scalp | '' |

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| | | |
|-----|--|----|
| 54. | Face | '' |
| 55. | Posterior triangle of neck | '' |
| 56. | Anterior triangle of neck | '' |
| 57. | Back of neck | '' |
| 58. | Cranial cavity & Contents of vertebral canal | '' |
| 59. | Cranial cavity & Contents of vertebral canal | '' |
| 60. | Deep dissection of neck | '' |
| 61. | Orbit & Eyeball | '' |
| 62. | Ear | '' |
| 63. | Parotid region | '' |
| 64. | Temporal & infratemporal region | '' |
| 65. | Sub mandibular region | '' |
| 66. | Mouth, Tongue & Pharynx | '' |
| 67. | Nose & Larynx | '' |
| 68. | Temporo-Mandibular joint & joints of Neck | '' |
| 69. | Radiological anatomy of Head, Neck and Face | '' |
| 70. | Revision | '' |
| | <u>Systemic histology</u> | |
| 71. | Thyroid & parathyroid Gland | '' |
| 72. | Pituitary Gland | '' |

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| <u>Central Nervous System</u> | | |
|--|--|----|
| 73. | Introduction to CNS | '' |
| 74. | Parts of the brain | '' |
| 75. | Parts of the brain | '' |
| 76. | Spinal cord | '' |
| 77. | Ventricles (model) | '' |
| 78. | Radiology of brain | '' |
| 79. | Revision | |
| <u>Systemic histology</u> | | |
| 80. | Nervous Tissue – cerebellum & cerebrum | '' |
| 3rd Term- Inferior Extremity | | |
| 81. | Introduction to Inferior Extremity | '' |
| 82. | Hip Bone | '' |
| 83. | Femur & Patella | '' |
| 84. | Tibia | '' |
| 85. | Fibula | '' |
| 86. | Articulated Foot | '' |
| 87. | Surface Marking | '' |
| 88. | Front of thigh | '' |
| 89. | Front of thigh | '' |

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| | | |
|-------------|------------------------------------|----|
| 90. | Medial side of thigh | '' |
| 91. | Gluteal region | '' |
| 92. | Back of thigh & Popliteal fossa | '' |
| 93. | Front of Leg & Dorsum of Foot | '' |
| 94. | Leg: Medial, Lateral | '' |
| 95. | Back of Leg | '' |
| 96. | Sole of Foot | '' |
| 97. | Sole of Foot | '' |
| 98. | Joints of the lower extremity | '' |
| 99. | Radiology lower extremity | '' |
| 100. | Revision | '' |
| | <u>Abdomen & Pelvis</u> | '' |
| 101. | Introduction to Abdomen | '' |
| 102. | Lumbar Vertebrae | '' |
| 103. | Sacrum and joints | '' |
| 104. | Articulated Pelvis: Male & female | '' |
| 105. | Surface Marking | '' |
| 106. | Surface Marking | '' |
| 107. | Anterior abdominal wall | '' |
| 108. | External genitalia of Male | '' |

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| | | |
|-------------|--|---|
| 109. | Abdominal cavity: Positions & Relations of viscera, Peritoneum, Greater & Lesser sac | " |
| 110. | Stomach & Spleen | " |
| 111. | Small intestine (Jejunum & Ileum) & Large intestine | " |
| 112. | Duodenum & Pancreas | " |
| 113. | Liver, Gall bladder & blood vessels of Digestive system | " |
| 114. | Kidney & Suprarenal gland | " |
| 115. | Posterior Abdominal wall & Diaphragm | " |
| 116. | Walls of the pelvis & Pelvic cavity : position & relations of viscera, Perineum | " |
| 117. | Urinary bladder, Urethra & Prostate | " |
| 118. | Ovary, Uterus, Fallopian tubes, Vagina | " |
| 119. | Sigmoid colon, Rectum & Anal canal | " |
| 120. | Radiological anatomy | " |
| | <u>Systemic Histology</u> | |
| 121. | Digestive system: Basic structure of GIT | " |
| 122. | Digestive system: Liver & Gall bladder, Pancreas | " |
| 123. | Urinary system: Kidney, Ureter , Suprarenal gland | " |
| 124. | Male Reproductive system: Testis & Prostate | " |
| 125. | Female Reproductive system: Ovary ,uterus | " |

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| | <u>Non Lecture- total 80 hours</u> | |
|-------------|--------------------------------------|---|
| 126. | Seminars and workshops-10 hours | " |
| 127. | Group discussion-10 hours | " |
| 128. | Problem based learning-10 hours | " |
| 129. | Integrated teaching-15 hours | " |
| 130. | Case based learning -10 hours | " |
| 131. | Self directed learning-15 hours | " |
| 132. | Tutorial/assignment/project-10 hours | " |

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